

| Ref # | Hits | Search Query   | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--------------------|------------------|---------|------------------|
| L3    | 8    | transparent and ber and umts   | USPAT              | OR               | OFF     | 2005/02/26 17:06 |
| L4    | 7    | L3 and (@AD<="19991229")   | USPAT              | OR               | OFF     | 2005/02/26 16:55 |
| L5    | 3    | L4 and (radio with link) and bandwidth   | USPAT              | OR               | OFF     | 2005/02/26 14:14 |
| L6    | 1    | L5 and (buffer or buffering)   | USPAT              | OR               | OFF     | 2005/02/26 14:14 |
| L7    | 1    | L5 and (constant with rate)  | USPAT              | OR               | OFF     | 2005/02/26 14:14 |
| L8    | 2    | L3 and (@AD<="19981231")   | USPAT              | OR               | OFF     | 2005/02/26 14:22 |
| L9    | 685  | transparent and bandwidth and (radio with link)                                    | USPAT              | OR               | OFF     | 2005/02/26 14:22 |
| L10   | 115  | transparent and bandwidth and (radio with link with protocol)                      | USPAT              | OR               | OFF     | 2005/02/26 14:22 |
| L11   | 6    | transparent and (wider with bandwidth) and (radio with link with protocol)         | USPAT              | OR               | OFF     | 2005/02/26 14:22 |
| L12   | 0    | L11 and (@AD<="19981231")  | USPAT              | OR               | OFF     | 2005/02/26 14:22 |
| L13   | 430  | L9 and (@AD<="19981231")   | USPAT              | OR               | OFF     | 2005/02/26 14:25 |
| L14   | 8    | L13 and umts   | USPAT              | OR               | OFF     | 2005/02/26 14:24 |
| L15   | 558  | umts and (radio with link) and mac   | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/02/26 14:30 |
| L16   | 14   | L15 and (@AD<="19981231")  | USPAT              | OR               | OFF     | 2005/02/26 14:30 |
| L17   | 2    | L16 and transparent  | USPAT              | OR               | OFF     | 2005/02/26 14:25 |
| L18   | 14   | umts and (radio with link) and mac and (@AD<="19981231")                           | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/02/26 14:27 |
| L19   | 2    | umts and (radio with link) and mac and transparent and (@AD<="19981231")           | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/02/26 14:29 |
| L20   | 0    | umts and (radio with link) and mac and (constant with delay) and (@AD<="19981231") | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/02/26 14:29 |
| L21   | 0    | umts and (radio with link) and mac and (ber) and (@AD<="19981231")                 | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/02/26 14:30 |
| L22   | 2    | umts and (radio with link) and mac and error and (@AD<="19981231")                 | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/02/26 14:30 |
| L23   | 351  | transparent and (radio with link) and (mac with layer)                             | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/02/26 14:31 |
| L24   | 69   | L23 and (@AD<="19981231")  | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/02/26 14:31 |
| L25   | 155  | transparent and (radio with link with protocol) and (mac with layer)               | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/02/26 14:32 |

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|-----|--------|---|--------------------|----|-----|------------------|
| L26 | 26     | I25 and (@AD<="19981231")   | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 14:32 |
| L27 | 75     | transparent and (radio with link with protocol) and (mac with layer) and (retransmit or retransmission)   | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 14:55 |
| L28 | 7      | I27 and (@AD<="19981231")   | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 14:55 |
| L29 | 42     | transparent and (radio with link with protocol) and (mac with layer) and (retransmit or retransmission) and bandwidth                             | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:23 |
| L30 | 4      | I29 and (@AD<="19981231")   | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:23 |
| L31 | 3      | I30 and buffer  | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 15:14 |
| L32 | 446131 | "5684791.pn.and" buffer   | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 15:14 |
| L33 | 1      | "5684791".pn. and buffer  | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 15:48 |
| L34 | 1      | "5684791".pn. and (acknowledge or acknowledgment or acknowledgement)  | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:03 |
| L35 | 1      | "5684791".pn. and (full or empty)   | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:03 |
| L36 | 20     | (radio with link with protocol) and (mac with layer) and (retransmit or retransmission) and bandwidth and (buffer same (empty or full))           | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:29 |
| L37 | 1      | I36 and (@AD<="19981231")   | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:24 |
| L38 | 252    | (mac with layer) and (retransmit or retransmission) and bandwidth and (buffer same (empty or full))   | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:25 |
| L39 | 75     | I38 and (@AD<="19981231")   | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:25 |
| L40 | 22     | I39 and wireless and mobile   | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:24 |
| L41 | 41     | ((radio with link) same (retransmit or retransmission)) and bandwidth and (buffer same (empty or full))   | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:27 |
| L42 | 10     | I41 and (@AD<="19981231")   | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:27 |
| L43 | 6      | ((radio with link) same (retransmit or retransmission)) and ((acknowledge or acknowledgment or acknowledgement) same buffer same (empty or full)) | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:27 |

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| L44 | 3   | I43 and (@AD<="19981231")   | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:29 |
| L45 | 16  | (radio with link with protocol) and (wait same (acknowledge or acknowledgment or acknowledgement)) and (retransmit or retransmission) and bandwidth and (buffer same (empty or full)) | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:30 |
| L46 | 4   | I45 and (@AD<="19981231")   | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:31 |
| L47 | 0   | (radio with link with protocol) and ("not" same wait same (acknowledge or acknowledgment or acknowledgement)) and (retransmit or retransmission) and (buffer same (empty or full))    | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:30 |
| L48 | 4   | (radio with link with protocol) and (wait same buffer same (acknowledge or acknowledgment or acknowledgement)) and (retransmit or retransmission) and (buffer same (empty or full))   | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:31 |
| L49 | 0   | I48 and (@AD<="19981231")   | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:31 |
| L50 | 6   | (radio with link with protocol) and (wait same buffer same (acknowledge or acknowledgment or acknowledgement)) and (retransmit or retransmission) and (empty or full)                 | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:33 |
| L51 | 2   | I50 and (@AD<="19981231")   | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:33 |
| L52 | 108 | (wait same buffer same (acknowledge or acknowledgment or acknowledgement)) and (retransmit or retransmission) and (empty or full)   | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:33 |
| L53 | 4   | umts and (wait same buffer same (acknowledge or acknowledgment or acknowledgement)) and (retransmit or retransmission) and (empty or full)  | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:33 |
| L54 | 0   | I53 and (@AD<="19981231")   | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:33 |
| L55 | 79  | I52 and (@AD<="19981231")   | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:42 |
| L56 | 1   | "6415410".pn. and transparent   | US-PGPUB;<br>USPAT | OR | OFF | 2005/02/26 16:42 |

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| L57 | 1   | transparent and ber and umts and 370/328-333.ccls.   | USPAT | OR | OFF | 2005/02/26 17:06 |
| L58 | 19  | transparent and umts and 370/328-333.ccls.   | USPAT | OR | OFF | 2005/02/26 17:06 |
| L59 | 28  | (retransmission) and rlp and 370/328-333.ccls.   | USPAT | OR | OFF | 2005/02/26 17:06 |
| L60 | 15  | (retransmission) and rlp and 370/335.ccls.   | USPAT | OR | OFF | 2005/02/26 17:06 |
| L61 | 17  | (retransmission) and rlp and 370/342.ccls.   | USPAT | OR | OFF | 2005/02/26 17:07 |
| L62 | 2   | (retransmission) and rlp and 370/348.ccls.   | USPAT | OR | OFF | 2005/02/26 17:07 |
| L63 | 2   | (retransmission) and rlp and 370/412.ccls.   | USPAT | OR | OFF | 2005/02/26 17:07 |
| L64 | 3   | (retransmission) and rlp and 370/429.ccls.   | USPAT | OR | OFF | 2005/02/26 17:07 |
| L65 | 5   | (retransmission) and rlp and 370/468.ccls.   | USPAT | OR | OFF | 2005/02/26 17:07 |
| L66 | 1   | (retransmission) and rlp and 455/452.2.ccls.   | USPAT | OR | OFF | 2005/02/26 17:07 |
| L67 | 22  | (retransmission) and rlp and "714"/\$.ccls.  | USPAT | OR | OFF | 2005/02/26 17:07 |
| L68 | 42  | (retransmission) and rlp and "455"/\$.ccls.  | USPAT | OR | OFF | 2005/02/26 17:07 |
| S1  | 8   | transparent and ber and umts   | USPAT | OR | OFF | 2004/12/02 12:09 |
| S2  | 7   | S1 and (@AD<="19991229")   | USPAT | OR | OFF | 2005/02/26 13:57 |
| S3  | 26  | (transparent with data) and (wider with bandwidth) and (retransmission or retransmitting)                              | USPAT | OR | OFF | 2004/12/02 12:27 |
| S4  | 24  | S3 and (@AD<="19991229")   | USPAT | OR | OFF | 2004/12/02 12:57 |
| S5  | 1   | (constant adj delay) and (constant adj bit adj rate) and (wider with bandwidth) and (retransmission or retransmitting) | USPAT | OR | OFF | 2004/12/02 12:57 |
| S6  | 170 | (wider with bandwidth) and (retransmission or retransmitting)  | USPAT | OR | OFF | 2004/12/02 12:57 |
| S7  | 11  | (wider with bandwidth) and ((retransmission or retransmitting) same MAC)   | USPAT | OR | OFF | 2004/12/02 12:57 |
| S8  | 9   | S7 and (@AD<="19991229")   | USPAT | OR | OFF | 2004/12/02 12:57 |